

LANDSCAPE NOTES
1. All plant material to be Florida No.1 or better. Florida Department of Agriculture Grade and Standards, Parts I and II 1973, 1975 Respectively.

2. Plantings in Easements: Utility, power, or drainage easements may overlap required buffers; however no required trees or shrubs may be located in any utility, power, or street easement or right-of-way.

3. Landscape contractor shall locate and verify all underground utilities prior to digging.

4. All trees, except street trees, shall be a minimum of ten (10) feet high and have a minimum caliper of two (2) inches at time of planting except that thirty (30) percent of the tree requirement may be met by native species with a minimum height of eight (8) feet and a minimum caliper of one and one-half (1½) inches at time of planting. Street trees shall have a clear trunk of four (4) feet, an overall height of twelve (12) feet and a minimum caliper of two (2) inches at time of planting, and shall be provided along all roadways at a maximum average spacing of thirty-five (35) feet on center.

5. All shrubs must be a minimum of 18" in height at time of planting. When used as a visual screen, buffer, or hedge, shrubs shall be planted at a maximum average spacing of thirty (30) inches on center or if planted at a minimum height of thirty-six (36) inches, shall have a maximum average spacing of forty-eight (48) inches on center and shall be maintained so as to form a continuous, unbroken and solid visual screen within one (1) year after time of planting.

6. A two-inch layer, after watering in, of mulch or other recycled materials must be placed and maintained around all newly installed trees, shrubs, and ground cover plantings. Each tree must have a ring of mulch no less than 24 inches beyond its' trunk in all directions. Cypress Mulch will NOT be used.

7. Landscape contractor shall review all drawings and prepare his own take off and plant list prior to bid cost, and compare to Landscape Architect's plant list. Landscape Contractor is responsible for attaining accurate counts of plant materials specified. In the event of discrepancies, Landscape Contractor shall bring to the attention of the Landscape Architect. Plan shall take precedence over plant list. No Exceptions!

8. No changes shall be made without the prior consent of the Landscape Architect and Owner.

IRRIGATION NOTES

1. The automated irrigation system is a zoned system using potable supplied by City or well if available.

2. All landscaped areas, including parking lot islands, will be adequately sleeved for irrigation.

3. A moisture (rain) sensor will be included in the irrigation system and located on the site so that it will receive direct rainfall, not impeded by other objects.

4. The irrigation system will be designed to eliminate the application of water to impervious areas, including roads, drives and other vehicle areas.

5. The irrigation system will be designed to avoid impacts on existing native vegetation that will be retained on the development site.

6. The irrigation system shall provide for a minimum of 50% overlap of spray areas.

LANDSCAPE CALCULATIONS

Zoning District: **RU-4**
Net Lot Area: **9.805** acres **427,125** square feet

OPEN SPACE
A. Square feet of open space required by Chapter 33, as indicated on site plan:
Net lot area = **427,125** square feet x **40** % = **170,850** square feet **170,850** s.f.
B. Square feet of parking lot open space required by Chapter 18A, as indicated on site plan:
The number of parking spaces (**405**) x 10 square feet per parking space = **4,050** square feet **179,550**
C. Total square feet of landscaped open space required by Chapter 33 = A + B = **174,900** square feet **310**

LAWN AREA CALCULATION
A. Total square feet of landscaped open space required by Chapter 33 = **174,900** s.f.
B. Maximum lawn area (St. Augustine sod) permitted = **60** % x **174,900** square feet = **104,940** s.f. **32,155** s.f.

TREES
A. The number of trees required per net lot acre less the existing number of trees that meet minimum requirements = **28** trees x net lot acreage **9.805** acres = **275** trees **319** trees
B. 30% palm trees allowed Palms provided = 6 Royals (1palm=1tree) + 152 Sabals (2palm=1tree) = **82** palms **82** palms
C. Percentage of native trees required = the number of trees provided x 30% = **82** trees **130** trees
D. Street trees (max. average spacing of 35' o.c.): **1009** linear feet along street + 35 = **29** trees **29** trees
E. Palms as street trees (max. average spacing 25' o.c.): **433** linear feet along street + 25 = **17** palms **17** (34 sabals)
F. Street trees located directly beneath power lines (maximum average spacing of 25' o.c.): **0** trees **0** trees
G. Total number of trees provided = **321** trees **365** trees

SHRUBS
A. The total number of trees required x 10 = the number of shrubs required **3,210** shrubs **12,857** shrubs
B. The number of shrubs required x 30% = the number of native shrubs required **963** shrubs **3,368** shrubs

Three Lakes - Planting Schedule

SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	SIZE / CALIPER @ INSTALLATION	SIZE / CANOPY @ MATURITY	QTY
Ba	Bulnesia arborea	VERAWOOD		10' hgt. x 2" cal.	30'-35' hgt. x 20' canopy	19
Cd	Coccoloba diversifolia	PIGEON PLUM	YES	10' hgt. x 2" cal.	15'-25' hgt. x 15' canopy	45
Cb	Cordia boissieri	WHITE GEIGER		10' hgt. x 2" cal.	15'-25' hgt. x 15' canopy	39
Ed	Elaeocarpus decipiens	JAPANESE BLUEBERRY		10' hgt. x 2" cal.	25' hgt. x 15' canopy	38
Ed1	Elaeocarpus decipiens	JAPANESE BLUEBERRY		18'-20' hgt.	30' hgt. x 20' canopy	8
Lj	Ligustrum japonicum	JAPANESE PRIVET		10' hgt. x 2" cal.	20' hgt. x 15'-20' canopy	10
Lc	Livistona chinensis	CHINESE FAN PALM		8'-9' c.t.	20' hgt. x 15'-20' canopy	47
Psyl	Phoenix sylvestris	SILVER DATE PALM		8'-9' c.t.	40' hgt. x 15' canopy	29
Psyl-3	Phoenix sylvestris	SILVER DATE PALM		8'-9' c.t., triple trunk	40' hgt. x 30' spr canopy	1
Pt	Pimenta racemosa	BAY RUM		10' hgt. x 2" cal.	15'-25' hgt. x 10'-15' canopy	39
Pty	Ptychosperma macart.	PTYCHOSPERMA		18'-22' o.a hgt.	30' hgt. x 18' spr Canopy	31
Qv1	Quercus virginiana	LIVE OAK	YES	100 gal 18" hgt. x 2"-3" cal.	40' hgt. x 30' canopy	55
Qv2	Quercus virginiana	LIVE OAK	YES	200 gal 18"-22" hgt. x 12" spr. 4" cal.	40' hgt. x 30' canopy	24
Rr	Roystonea regia	ROYAL PALM	YES	10'-12' g.w.	50' hgt. x 20' canopy	7
Sp	Sabal palmetto	CABBAGE PALM	YES	8'-16' c.t. (14'-22" o.a hgt.) staggered	35' hgt. x 12' canopy	151
Sg	Simarouba glauca	PARADISE TREE	YES	10' hgt. x 2" cal.	35' hgt. x 20' canopy	7
Wb	Wodyetia bifurcata	FOXTAIL PALM		12', 16' & 20' c.t.	30' hgt. x 15' canopy	36

SHRUBS

SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	SIZE @ INSTALLATION	QTY
Ach	Acalypha wilkesiana	ACALYPHA		7 gal	100
Aic1	Alicantarea imperialis	BROMELIAD		15 gal	16
Asum	Aglaonema sumatrense	AGLAONEMIA SUMATRA		3 gal	472
BHj	Bougainvillea 'Helen Johnson'	BOUGAINVILLEA		3 gal	155
Bl	Byrsonima lucida	LOCUST BERRY	YES	3 gal	18
Cc	Cinnum asiaticum	CRINUM LILY		2'-3' spr. Clump	8
Cas	Capparis cynophallophora	JAMAICA CAPER	YES	15 gal 4'-5' hgt. x 2'-3' spr.	342
Cat	Carissa macrocarpa 'Atlas'	CARISSA		172	25
Che	Chamaedorea erumpens	PARLOR PALM		15 gal 4' hgt.	175
Ci	Chrysobalanus icaco 'Red Tip'	RED TIP COCOPLUM		3 gal	471
Cj	Codiaeum giganteum	CROTON		3 gal	337
Cv	Codiaeum variegatum	CROTON		1 gal	133
Df	Delies vegelia	AFRICAN IRIS		3 gal	232
Ef	Eugenia foetida	SPANISH STOPPER	YES	15 gal 4'-5' hgt. x 2'-3' spr.	271
Em	Eugenia floetida	EUGENIA TOPIARY		15 gal	14
Eg	Euphorbia milii 'Thai Hybrid'			1 gal (full)	108
Fgl	Ficus 'Green Island'	GREEN ISLAND FICUS		3 gal	1488
Hp	Hamelia patens 'Compacta'	DWARF FIREBUSH		3 gal 30" min hgt.	499
Hid	Heliconia psittacorum 'Lady D'			7 gal	394
Hi	Hymenocallis latifolia	SPIDER LILY	YES	Hwy. Gal	50
Isd	Ilex vomitoria 'Stokes Dwarf'			3 gal	674
Ing	Ixora Nora Grant'			3 gal	377
Jm	Jasminum multiflorum	DOWNY JASMINE		3 gal	1030
Lm	Liriope muscari 'Big Blue'	LIRIOPE		1 gal (heavy)	490
Ms	Microsorium scolopendrium	WART FERN		3 gal	1910

SHRUBS continued

SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	SIZE @ INSTALLATION	QTY
Nca	Neoreglia 'Candy Apple'	BROMELIAD		8" pot	522
Pen	Pentas lanceolata 'New Look'	PENTAS		6" pots	530
Ph	Philodendron 'Autumn'			3 gal	174
Pbm	Philodendron 'Burlie Mary'			3 gal	289
PMD	Philodendron 'McCotley's'			3 gal	128
Px	Philodendron 'Xanadu'			3 gal	372
Pm	Podocarpus macrophyllus	PODOCARPUS		3 gal	166
Pb	Psychotria bahamensis	BAHAMA COFFEE	YES	3 gal	952
Pn	Psychotria nervosa	WILD COFFEE	YES	3 gal	76
Ra	Randia aculeata	WHITE INDIGO BERRY	YES	3 gal	238
Rhe	Raphis excelsa	LADY PALM		15 gal, 4 hgt	31
Sa	Schefflera arboricola	DWARF SCHEFFLERA		3 gal	753
Sat	Schefflera arboricola 'Trinette'	DWARF SCHEFFLERA		3 gal	901
Ta	Trichatospermum asiaticum	DWARF ASIATIC JASMINE		1 gal	3666
Vb	Viburnum odonatissimum	WALTERS' VIBURNUM	YES	3 gal 30" min hgt.	21
Vs	Viburnum suspensum	SWEET VIBURNUM		3 gal 30" min hgt.	277
Zf	Zamia pumila	SANDANKWA VIBURNUM	YES	1 gal	710

EXTRANEEOUS MATERIALS

Bark Mulch				4" pots	1 cu. yd.
SF	Seasonal Flowers			4" pots	1,278 sq. ft.
Zoysia Empire Solid Sod					34,980 sq. ft.

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ZONING HEARINGS SECTION
MIAMI-DADE PLANNING AND ZONING DEPT.
BY: [Signature]